BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Work Slip: As per Std Tender Documents

Name of Work:	Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PACKAGE NO -05)
Estimate Amount:-	12,95,00,000.00
Name of Contractor:-	Sri Gopi Reddy
Approved amount:-	11,55,00,632.06
Tender premium:-	1.97%

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	8070.95	341.00	2752192.25	9886.33	9886.33	341.00	3371238.83	0.00	341.00	0.00	9886.33	3371238.83	619046.58	0.00	
4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	Cum	1547.60	6452.10	9985292.77	2022.34	1934.50	6452.10	12481615.96	87.84	6452.10	566723.95	2022.34	13048339.91	3063047.15	0.00	
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming	Cum	2156.26	7368.31	15887966.33	2442.42	2442.42	7368.31	17996539.50	0.00	7368.31	0.00	2442.42	17996539.50	2108573.17	0.00	
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200	tonne	134.90	115906.72	15635629.92	145.14	145.14	115906.72	16823081.72	0.00	115906.72	0.00	145.14	16823081.72	1187451.81	0.00	
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @ 70 mixed including providing and removing centering, shuttering, shuttering propping etc for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)	Sqm	5025.35	2112.92	10618151.96	6336.62	6281.68	2112.92	13272689.95	54.94	2112.92	116083.82	6336.62	13388773.77	2770621.81	0.00	
8	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)	Sqm	404.06	853.53	344873.06	417.59	417.59	853.53	356421.33	0.00	853.53	0.00	417.59	356421.33	11548.26	0.00	

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 (M15)	Cum	91.40	6838.04	624990.02	269.86	114.25	6838.04	781237.52	155.61	6838.04	1064059.54	269.86	1845297.06	1220307.05	0.00	
15	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete as directed by the Engineer in Charge of the work (excluding	Nos	8555.33	517.01	4423192.89	16688.00	10694.17	517.01	5528991.11	5993.83	517.01	3098871.77	16688.00	8627862.88	4204669.99	0.00	
16	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces. MORTH Chapter 803	Sqm	1453.62	95.35	138602.67	1950.56	1817.03	95.35	173253.33	133.53	95.35	12732.09	1950.56	185985.42	47382.75	0.00	
17	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications.	Sqm	2854.95	1219.32	3481097.63	3953.91	3568.69	1219.32	4351372.04	385.22	1219.32	469706.45	3953.91	4821078.49	1339980.86	0.00	
21	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502	Sqm	6477.50	49.36	319729.40	7831.61	7831.61	49.36	386568.27	0.00	49.36	0.00	7831.61	386568.27	66838.87	0.00	
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.	Sqm	6477.50	13.46	87187.15	6744.99	6744.99	13.46	90787.58	0.00	13.46	0.00	6744.99	90787.58	3600.43	0.00	
25	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803	Sqm	217.20	536.18	116458.30	228.37	228.37	536.18	122447.43	0.00	536.18	0.00	228.37	122447.43	5989.13	0.00	
26	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	Cum	10572.11	107.69	1138510.91	12723.84	12723.84	107.69	1370230.33	0.00	107.69	0.00	12723.84	1370230.33	231719.42	0.00	
30	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over	Sqm	171.00	9324.59	1594504.89	202.40	202.40	9324.59	1887297.02	0.00	9324.59	0.00	202.40	1887297.02	292792.13	0.00	
90	Earth work excavation for Foundation by mechanical means for all works & depth upto 1.5 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.(Page no-10,Vol-1, Item No-	Cum	185.84	217.61	40440.91	280.84	232.30	217.61	50551.14	48.54	217.61	10562.74	280.84	61113.88	20672.97	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
93	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (Page no-15,Vol-1, Item No-2.1.4 of PWD SR 2021-22.).	Cum	9.24	6647.34	61401.48	22.52	11.55	6647.34	76751.85	10.98	6647.34	72955.49	22.52	149707.34	88305.86	0.00	
140	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding (Page no-85, Vol-2, Item No-11.34A of PWD SR 2021-22) -Ground Floor	Kgs	374.00	146.95	54959.30	430.20	430.20	146.95	63217.89	0.00	146.95	0.00	430.20	63217.89	8258.59	0.00	
186	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring. I Group A 1 sqmm complete as per specifications and directions of the Engineer in charge	M	100.00	14.28	1428.00	450.00	125.00	14.28	1785.00	325.00	14.28	4641.00	450.00	6426.00	4998.00	0.00	
															17295804.82		

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	115500632.06
Excess Amount =	17295804.82
Percentage of Worslip = Excess Amount / Approved Amount	X 100

Percentage of Worslip =	14.97 %

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer
Yelahanka Division
Yelahanka Zone
Bruhat Bangalore Mahanagara P...
BANGALORE - 560064

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